

ENTERED AT 09:19:23 ON 30 MAY 2005)

FILE 'CAPLUS' ENTERED AT 09:19:59 ON 30 MAY 2005

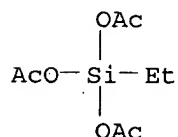
L1 41572 SEA ABB=ON PLU=ON ?TURBINE?  
L2 17 SEA ABB=ON PLU=ON ((?TURBINE? (10A) (COAT? OR LAYER? OR  
IMPREG?)) (10A) (?SILICONE? OR ?SILOXANE?))  
L3 17 FOCUS L2 1-  
D 1-17 ALL RN  
L4 3 SEA ABB=ON PLU=ON L2 AND (?IMPACT? OR ?IMPING? OR ?CAVITA?)  
D 1-3 ALL RN  
L5 14 SEA ABB=ON PLU=ON L2 NOT L4  
L6 14 FOCUS L5 1-  
D 1-14 ALL RN

FILE 'USPATFULL, USPAT2' ENTERED AT 09:35:41 ON 30 MAY 2005

L7 7 SEA ABB=ON PLU=ON ((?TURBINE? (10A) (COAT? OR LAYER? OR  
IMPREG?)) (10A) (?SILICONE? OR ?SILOXANE?))  
L8 1 SEA ABB=ON PLU=ON ((?TURBINE? (10A) (COAT? OR LAYER? OR  
IMPREG?)) (10A) (?SILICONE? OR ?SILOXANE?))  
TOTAL FOR ALL FILES  
L9 8 SEA ABB=ON PLU=ON L2  
L10 3 SEA ABB=ON PLU=ON L7 AND ?HYDRO?  
L11 0 SEA ABB=ON PLU=ON L8 AND ?HYDRO?  
TOTAL FOR ALL FILES  
L12 3 SEA ABB=ON PLU=ON L9 AND ?HYDRO?  
D 1-3 BIB AB IND

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L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2004 ACS on STN  
 RN 17689-77-9 REGISTRY  
 CN Silanetriol, ethyl-, triacetate (6CI, 7CI, 8CI, 9CI) (CA INDEX NAME)  
 OTHER NAMES:  
 CN Ethylsilanetriol triacetate  
 CN **Ethyltriacetoxysilane**  
 CN Triacetoxylethylsilane  
 CN Tris(acetyloxy)ethylsilane  
 MF C8 H14 O6 Si  
 CI COM  
 LC STN Files: BEILSTEIN\*, BIOSIS, CA, CAOLD, CAPLUS, CASREACT, CHEMCATS,  
 CHEMLIST, CSCHEM, GMELIN\*, IFICDB, IFIPAT, IFIUDB, MSDS-OHS, SPECINFO,  
 TOXCENTER, USPAT2, USPATFULL  
 (\*File contains numerically searchable property data)  
 Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*  
 (\*\*Enter CHEMLIST File for up-to-date regulatory information)  
 DT.CA Caplus document type: Conference; Journal; Patent  
 RL.P Roles from patents: BIOL (Biological study); FORM (Formation,  
 nonpreparative); PREP (Preparation); PROC (Process); PRP (Properties);  
 RACT (Reactant or reagent); USES (Uses); NORL (No role in record)  
 RLD.P Roles for non-specific derivatives from patents: PREP (Preparation);  
 PROC (Process); PRP (Properties); USES (Uses)  
 RL.NP Roles from non-patents: BIOL (Biological study); MSC (Miscellaneous);  
 PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES  
 (Uses); NORL (No role in record)  
 RLD.NP Roles for non-specific derivatives from non-patents: PRP (Properties);  
 USES (Uses)

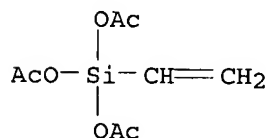


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

174 REFERENCES IN FILE CA (1907 TO DATE)  
 17 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 174 REFERENCES IN FILE CAPLUS (1907 TO DATE)  
 9 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

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L2 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2004 ACS on STN  
 RN 4130-08-9 REGISTRY  
 CN Silanetriol, ethenyl-, triacetate (9CI) (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN Silanetriol, vinyl-, triacetate (6CI, 7CI, 8CI)  
 OTHER NAMES:  
 CN (Triacetyloxy)vinylsilane  
 CN AP 3000  
 CN LS 2040  
 CN NSC 93913  
 CN SH 6075  
 CN SZ 6075  
 CN Triacetoxymethylsilane  
 CN Vinylsilane triacetate  
 CN Vinyltriacetoxysilane  
 CN Z 6075  
 DR 63242-62-6, 253778-95-9  
 MF C8 H12 O6 Si  
 CI COM  
 LC STN Files: BEILSTEIN\*, CA, CAOLD, CAPLUS, CASREACT, CHEMCATS, CHEMLIST,  
 CSCHEM, GMELIN\*, HODOC\*, IFICDB, IFIPAT, IFIUDB, MSDS-OHS, PIRA,  
 TOXCENTER, USPAT2, USPATFULL  
 (\*File contains numerically searchable property data)  
 Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*  
 (\*\*Enter CHEMLIST File for up-to-date regulatory information)  
 DT.CA Caplus document type: Conference; Journal; Patent  
 RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study);  
 PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or  
 reagent); USES (Uses); NORL (No role in record)  
 RLD.P Roles for non-specific derivatives from patents: BIOL (Biological  
 study); PREP (Preparation); PROC (Process); USES (Uses)  
 RL.NP Roles from non-patents: ANST (Analytical study); CMBI (Combinatorial  
 study); PROC (Process); PRP (Properties); RACT (Reactant or reagent);  
 USES (Uses); NORL (No role in record)  
 RLD.NP Roles for non-specific derivatives from non-patents: PREP  
 (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or  
 reagent); USES (Uses)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

390 REFERENCES IN FILE CA (1907 TO DATE)  
 38 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 391 REFERENCES IN FILE CAPLUS (1907 TO DATE)  
 13 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

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L3 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2004 ACS on STN  
RN 22984-54-9 REGISTRY  
CN 2-Butanone, O,O',O''-(methylsilylidyne)trioxime (8CI, 9CI) (CA INDEX NAME)

OTHER NAMES:

CN Methyltri(2-butanoneoximyl)silane  
CN Methyltri(ethylmethylketoximo)silane  
CN Methyltri(methylethylketoxime)silane  
CN Methyltri(methylethylketoximo)silane  
CN Methyltris(2-butanoneoximato)silane  
CN Methyltris(2-butyldeneaminoxy)silane  
CN Methyltris(ethylmethylketoxime)silane  
CN Methyltris(hydroxyiminobutyl)silane  
CN Methyltris(methyl ethyl ketoximato)silane  
CN Methyltris(methyl ethyl ketoxime)silane  
CN O,O',O''-(Methylsilylidyne)tris(ethyl methyl ketoxime)  
CN Tris(2-butyldeneiminoxy)methylsilane

FS 3D CONCORD

DR 123525-79-1

MF C13 H27 N3 O3 Si

CI COM

LC STN Files: CA, CAPLUS, CASREACT, CHEMCATS, CHEMLIST, CSCHEM, IFICDB, IFIPAT, IFIUDB, MSDS-OHS, TOXCENTER, USPAT2, USPATFULL

Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*

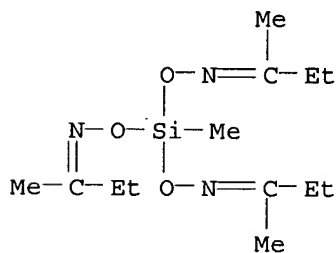
(\*\*Enter CHEMLIST File for up-to-date regulatory information)

DT.CA Caplus document type: Journal; Patent

RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses)

RLD.P Roles for non-specific derivatives from patents: PREP (Preparation); PRP (Properties); USES (Uses)

RL.NP Roles from non-patents: MSC (Miscellaneous); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

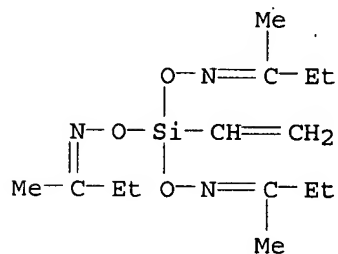
260 REFERENCES IN FILE CA (1907 TO DATE)

28 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

260 REFERENCES IN FILE CAPLUS (1907 TO DATE)

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L4 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2004 ACS on STN  
 RN 2224-33-1 REGISTRY  
 CN 2-Butanone, O,O',O''-(ethenylsilyldiyl)trioxime (9CI) (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN 2-Butanone, O,O',O''-(vinylsilyldiyl)trioxime (7CI, 8CI)  
 CN Silane, tris[(sec-butylideneamino)oxy]vinyl- (8CI)  
 OTHER NAMES:  
 CN Tris(ethylmethylketoximate)vinylsilane  
 CN Tris(sec-butylideneaminoxy)vinylsilane  
 CN Vinyltri(methyl ethyl ketoximino)silane  
 CN Vinyltri(methylethylketoxime)silane  
 CN Vinyltri(methylethylketoximo)silane  
 CN Vinyltris(2-butanoneoximate)silane  
 CN Vinyltris(methylethylketoximate)silane  
 CN **Vinyltris(methylethylketoxime)silane**  
 CN Vinyltrisbutanoximesilane  
 CN Vinyltris[(2-butylidene)aminoxy]silane  
 FS 3D CONCORD  
 DR 123525-82-6, 123948-72-1, 132850-42-1  
 MF C14 H27 N3 O3 Si  
 CI COM  
 LC STN Files: BEILSTEIN\*, CA, CAOLD, CAPLUS, CASREACT, CHEMCATS, CHEMLIST,  
 CSCHEM, IFICDB, IFIPAT, IFIUDB, MSDS-OHS, TOXCENTER, USPAT2, USPATFULL  
 (\*File contains numerically searchable property data)  
 Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*  
 (\*\*Enter CHEMLIST File for up-to-date regulatory information)  
 DT.CA Caplus document type: Journal; Patent  
 RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); PROC  
 (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses);  
 NORL (No role in record)  
 RLD.P Roles for non-specific derivatives from patents: BIOL (Biological  
 study); PREP (Preparation); PRP (Properties); USES (Uses)  
 RL.NP Roles from non-patents: MSC (Miscellaneous); PREP (Preparation); RACT  
 (Reactant or reagent)  
 RLD.NP Roles for non-specific derivatives from non-patents: PREP  
 (Preparation); PRP (Properties); USES (Uses)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

201 REFERENCES IN FILE CA (1907 TO DATE)  
 25 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 201 REFERENCES IN FILE CAPLUS (1907 TO DATE)  
 2 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

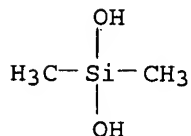
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L5 ANSWER 1 OF 2 REGISTRY COPYRIGHT 2004 ACS on STN  
 RN 31900-57-9 REGISTRY  
 CN Silanediol, dimethyl-, homopolymer (9CI) (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN Silanediol, dimethyl-, polymers (8CI)  
 OTHER NAMES:  
 CN Dimethylsilanediol homopolymer  
 CN Dimethylsilanediol polymer  
 CN Dimethylsiloxane polymer  
 CN Dimethylsiloxanediol homopolymer  
 CN PDMS  
 CN Poly(dimethylsilanediol)  
 CN Poly(dimethylsiloxane)  
 CN Polydimethyl siloxane  
 CN Polydimethylsiloxane  
 DR 165729-08-8  
 MF (C2 H8 O2 Si)x  
 CI PMS, COM  
 PCT Polyether, Polyether only  
 LC STN Files: AGRICOLA, BIOBUSINESS, BIOSIS, CA, CAPLUS, CASREACT, CEN,  
 CHEMLIST, CIN, DETHERM\*, PIRA, PROMT, TOXCENTER, USPAT2, USPATFULL  
 (\*File contains numerically searchable property data)  
 DT.CA Caplus document type: Conference; Dissertation; Journal; Patent;  
 Preprint; Report  
 RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study);  
 FORM (Formation, nonpreparative); MSC (Miscellaneous); OCCU  
 (Occurrence); PREP (Preparation); PROC (Process); PRP (Properties); RACT  
 (Reactant or reagent); USES (Uses); NORL (No role in record)  
 RLD.P Roles for non-specific derivatives from patents: ANST (Analytical  
 study); BIOL (Biological study); FORM (Formation, nonpreparative); MSC  
 (Miscellaneous); PREP (Preparation); PROC (Process); PRP (Properties);  
 RACT (Reactant or reagent); USES (Uses)  
 RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological  
 study); CMBI (Combinatorial study); FORM (Formation, nonpreparative);  
 MSC (Miscellaneous); OCCU (Occurrence); PREP (Preparation); PROC  
 (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses);  
 NORL (No role in record)  
 RLD.NP Roles for non-specific derivatives from non-patents: ANST (Analytical  
 study); BIOL (Biological study); FORM (Formation, nonpreparative); MSC  
 (Miscellaneous); PREP (Preparation); PROC (Process); PRP (Properties);  
 RACT (Reactant or reagent); USES (Uses)

**\*\*RELATED POLYMERS AVAILABLE WITH POLYLINK\*\***

CM 1

CRN 1066-42-8  
 CMF C2 H8 O2 Si



**\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\***

10714 REFERENCES IN FILE CA (1907 TO DATE)  
 3766 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 10792 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 2 OF 2 REGISTRY COPYRIGHT 2004 ACS on STN  
RN 9016-00-6 REGISTRY  
CN Poly[oxy(dimethylsilylene)] (8CI, 9CI) (CA INDEX NAME)

OTHER NAMES:

CN 401N  
CN A 50  
CN A 50 (silicone)  
CN A 80R  
CN Accuglass 210  
CN Accuglass 211  
CN Accuglass 305  
CN AF 60  
CN AF 60 (siloxane)  
CN AF 72  
CN AF 75  
CN AF 9000  
CN AK 100  
CN AK 100 (silicone)  
CN AK 300000  
CN AK 50  
CN AK 50 (siloxane)  
CN AK 500  
CN AK 5000  
CN AK 750  
CN Akvastop  
CN Antaphron NM 42  
CN Antifoam FD 62  
CN Antifoam FG 10  
CN Antifoam M 30  
CN Aquasil E  
CN ASI 100 Methyl  
CN ASP 3  
CN ASP 3 (silicone)  
CN AV 1000  
CN B 160-40  
CN Barrel Silicone M 1000  
CN Baysilone M 50EL  
CN Baysilone MA  
CN BIO-PSA Q 7-4301  
CN BW 400  
CN BY 16-801  
CN BY 22-007  
CN BY 22-060  
CN BY 22-064  
CN BY 22-077  
CN BY 27-003  
CN BY 27-007  
CN CF 1241  
CN Chaline Buruba 520C  
CN Chiroflex C 11UB  
CN CoatOSil 3500  
CN CoatOSil 3501  
CN Colcoat N 103  
CN CP-Sil 5  
CN Poly(dimethylsiloxane)

ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT - Use FCN, FIDE, or ALL for  
DISPLAY

DR 12619-98-6, 12620-09-6, 12680-27-2, 12680-28-3, 9049-10-9, 9063-73-4,  
9087-48-3, 9087-49-4, 53239-64-8, 54351-38-1, 54351-90-5, 58391-68-7,  
56730-54-2, 57486-07-4, 57679-15-9, 123243-00-5, 123515-75-3, 60440-54-2,  
51569-26-7, 51888-90-5, 51910-51-1, 60842-63-9, 37200-44-5, 37221-89-9,  
37340-53-7, 141093-32-5, 90250-23-0, 39457-57-3, 39476-41-0, 52232-96-9,  
52622-98-7, 53125-20-5, 109946-28-3, 110616-98-3, 118731-39-8,

231934-55-7, 247174-77-2, 387334-72-7, 387334-73-8, 387334-74-9,  
444348-83-8

MF (C2 H6 O Si)n

CI PMS, COM

PCT Polyother, Polyother only

LC STN Files: AGRICOLA, ANABSTR, AQUIRE, BIOBUSINESS, BIOSIS, CA, CAPLUS,  
CASREACT, CEN, CHEMCATS, CHEMLIST, CIN, CSCHEM, CSNB, ENCOMPLIT,  
ENCOMPLIT2, ENCOMPPAT, ENCOMPPAT2, HSDB\*, IFICDB, IFIPAT, IFIUDB, IPA,  
MSDS-OHS, NIOSHTIC, PIRA, PROMT, RTECS\*, TOXCENTER, ULIDAT, USPAT2,  
USPATFULL

(\*File contains numerically searchable property data)

DT.CA Caplus document type: Conference; Dissertation; Journal; Patent;  
Preprint; Report

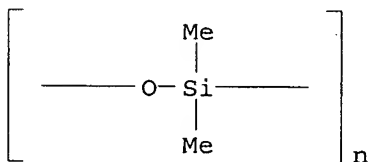
RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study);  
FORM (Formation, nonpreparative); MSC (Miscellaneous); OCCU  
(Occurrence); PREP (Preparation); PROC (Process); PRP (Properties); RACT  
(Reactant or reagent); USES (Uses)

RLD.P Roles for non-specific derivatives from patents: ANST (Analytical  
study); BIOL (Biological study); PREP (Preparation); PROC (Process); PRP  
(Properties); RACT (Reactant or reagent); USES (Uses)

RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological  
study); CMBI (Combinatorial study); FORM (Formation, nonpreparative);  
MSC (Miscellaneous); OCCU (Occurrence); PREP (Preparation); PROC  
(Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses);  
NORL (No role in record)

RLD.NP Roles for non-specific derivatives from non-patents: ANST (Analytical  
study); BIOL (Biological study); FORM (Formation, nonpreparative); MSC  
(Miscellaneous); OCCU (Occurrence); PREP (Preparation); PROC (Process);  
PRP (Properties); RACT (Reactant or reagent); USES (Uses)

\*\*RELATED POLYMERS AVAILABLE WITH POLYLINK\*\*



9585 REFERENCES IN FILE CA (1907 TO DATE)

1252 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

9662 REFERENCES IN FILE CAPLUS (1907 TO DATE)

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